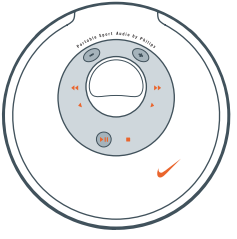
product manual

psa[cd12

mp3-cd player



Portable Sport Audio by **Philips**

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front view

① **display**

② **–**

adjusts the volume (down)

③ **+**

adjusts the volume (up)

④ ◀◀

skips backward and searches backward

⑤ ▶▶

skips forward and searches forward

⑥ ◀

mp3-cd only: selects the previous album or skips backward

⑦ ▶

mp3-cd only: selects the next album or skips forward

adjusts eq (bass and treble)

⑧ ▶II

switches the set on, starts playback and interrupts playback

⑨ ■

stops playback and switches the set off

rear view

① **DC**

to connect the external power supply

② 🎧

3.5 mm line out to connect
the headphones
the remote control
this set to the audio input
of your stereo equipment

③ **hold/resume/off**

hold locks all buttons

resume stores the last position played

off switches resume and hold off

④ **esp**

electronic **s**kip **p**rotection prevents music interruptions caused by shocks

⑤ **eq**

selects the bass and treble adjustment

⑥ **mode**

selects playback options such as **shuffle** and **repeat**

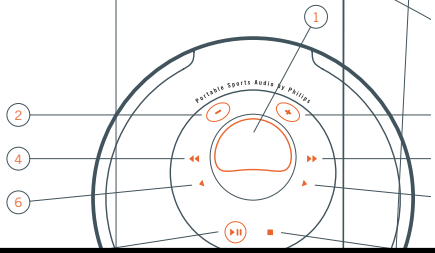
⑦

opens the cd lid

⑧ battery compartment

caution
use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

the model and serial numbers are located inside the cd door.


1
Portable Sports Audio by Philips
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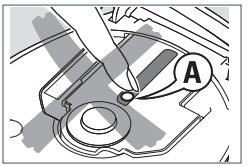
maintenance



do not touch the lens Ⓐ of the set.

do not expose the set, batteries or discs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight).

the lens may cloud over when the set is suddenly moved from cold to warm surroundings. playing is not possible then. leave the set in a warm environment until the moisture evaporates.

active mobile phones in the vicinity of this set may cause malfunctions.

avoid dropping the set as this may cause damage.

clean the set with a soft, dry cloth. do not use any cleaning agents as they may have a corrosive effect.

to clean a disc, wipe it in a straight line from the center towards the edge using a soft, lint-free cloth. cleaning agents may damage the disc.

environmental information

all redundant packing material has been omitted. we have done our utmost to make the packaging easily separable into three mono materials: PET, PS, PE.

your set consists of materials which can be recycled if disassembled by a specialized company. please observe the local regulations regarding the disposal of packing materials, drained batteries and old equipment.

mp3 music files

the music compression technology mp3 (mpeg audio layer 3) reduces the digital data of an audio cd significantly while maintaining cd-like sound quality. with mp3 you can record up to 10 hours of cd-like music on a single 12cm cd-rom.

how to get music files

either download legal music files from the internet to your computer hard disc or create them from your own audio cds. for this, insert an audio cd into your computer´s cd-rom drive and convert the music using an appropriate encoder software. to achieve a good sound quality, a bit rate of 128 kbps or higher is recommended for mp3 music files.

how to organize music files

in order to easily handle the large number of music files on a cd-rom, you can organize them in folders (“albums”).

the tracks of an album will be played in alphabetical order. if you want to arrange them in a certain order, let the file names start with numbers. for example:
001-ONEWORLD.MP3
002-FIRESTARTER.MP3
003-DEEP.MP3

the albums will be arranged in alphabetical order. If albums are located in an album, they will be played after this album. albums without mp3 files will be skipped.

if there are mp3 files which you did not put into an album, you will find them in the album **Various** with album number **0**. various is the first album that will be played.

when playing a disc with cd audio tracks and mp3 files, the cd audio tracks will be played first.

how to make a cd-rom with mp3 files

use your computer´s cd burner to record (“burn”) the music files from your hard disc to a cd-rom. use either ISO 9660 disc format or UDF. some cd burner software like e. g. “DirectCD” support the UDF format.

make sure that the file names of the mp3 files end with .mp3.

supported formats

this set supports:

disc format: ISO 9660, joliet, multisession, UDF,
enhanced music cd, mixed mode cd
mp3 bit rate: 32–320 kbps and variable bit rate
total number of music files and albums: around 350
(with a typical file name length of 20 characters)

note: the number of music files that can be played depends on the length of the file names. with short file names more files will be supported.

all trademarks used are owned by their respective owners.

firmware upgrade

occasionally, philips releases new software (“firmware”) for your set.

1 connect the mains adapter to **DC** on the set and to the wall socket (see “mains adapter”).

2 keep mode pressed for 3 seconds.
the type of your set and the current version of the firmware are displayed. `Upgrade?` is displayed.

3 press ■.

4 visit the homepage **http://www.nike-philips.com.** check if there is a firmware file for your set and if the firmware version is higher than the current version of your set. download the file and burn it on a cd-rom.

5 insert the cd-rom into the set and keep mode pressed for 3 seconds.
`Upgrade?` is displayed.

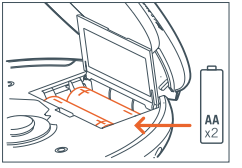
6 press ▶II.
`Upgrading` is displayed and upgrading starts. this may take some minutes. after upgrading is finished, `Upgrade complete` is scrolled.
`Wrong upgrade file` is scrolled: your set already has the latest firmware or the downloaded file does not correspond to your set.
`Upgrade file defect` is scrolled: the upgrade file has been damaged during the download or when burning the cd-rom. download the file again, burn a new cd-rom and try again.
`No upgrade file` is scrolled: no upgrade file was found on the inserted cd-rom.

note: if upgrading is interrupted accidentally, repeat step 6 until upgrading is completed successfully.

batteries (supplied or optionally available)

inserting batteries

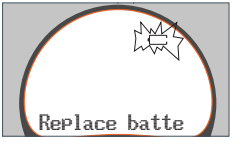
open the battery compartment and insert 2 alkaline batteries of type **AA (LR6, UM3).**



do not use old and new or different types of batteries in combination.

indication of empty batteries

replace the batteries or connect the mains adapter as soon as ▭ blinks and `Replace batteries` is scrolled.



remove batteries if they are empty or if the set will not be used for a long time.

batteries contain chemical substances, so they should be disposed of properly.

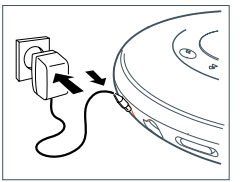
average playing time of batteries under normal conditions:

	alkaline batteries
esp on	10 hours
esp and powersaving on:	
audio disc	15 hours
mp3-cd	24 hours

*note: to switch on powersaving, press **esp** repeatedly during playback until **ESP** is shown (see "esp and powersaving").*

mains adapter (supplied or optionally available)

use only the AY 3170 mains adapter (4.5 V/300 mA direct current, positive pole to the center pin). any other product may damage the set.

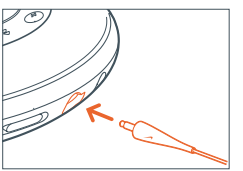


1 make sure the local voltage corresponds to the adapter´s voltage. if your mains adapter is equipped with a voltage selector, set this selector to the local mains voltage if necessary.

2 connect the mains adapter to **DC** on the set and to the wall socket.

note: always disconnect the adapter if you are not using it.

headphones (HJO20)



connect the supplied headphones to ∩.

note: ∩ can also be used for connecting this psa to your hifi system. adjust the volume and sound on the psa and your hifi system.

use your head when using headphones

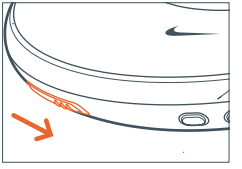
hearing safety

do not play your headphones at a high volume. hearing experts advise that continuous use at high volume can permanently damage your hearing.

traffic safety

do not use headphones while driving a vehicle. it may create a hazard and it is illegal in many countries. even if your headphones are an open-air type designed to let you hear outside sounds, do not turn up the volume so high that you cannot hear what is going on around you.

playing a disc

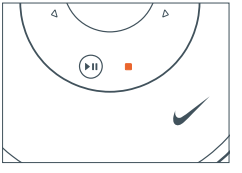


with this set you can play
- all pre-recorded audio cds
- all finalized audio cdrs and cdrws
- mp3-cds (cd-roms with mp3 files)

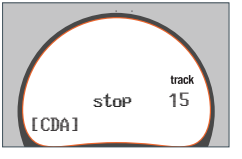
1 push the slider to open the cd lid.

2 insert a disc, printed side up, by pressing gently on the disc´s center so that it fits onto the hub. close the lid by pressing it down.

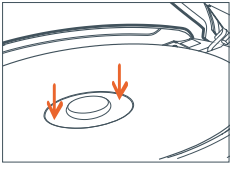
3 press ▶II to start playback.
Reading CD is displayed. playback starts. the track type (CD or MP3), the current track number and the elapsed playing time are displayed. for an mp3 track, the album number is also displayed and the filename is scrolled twice.



4 press ■ to stop playback.
the total number of tracks, the track types (CD, MP3), the number of albums on an mp3-cd and the total playing time (of an audio disc only) are displayed.



5 to remove the disc, hold it by its edge and press the hub gently while lifting the disc.

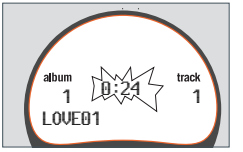


notes:
after pressing ▶II it may take some time until the first mp3 track is played.
20 seconds after pressing ■ the set switches off automatically.

pause

1 press ▶II to interrupt playback.
the time where playback was interrupted is blinking.

2 to resume playback press ▶II again.



volume and sound

volume adjustment

adjust the volume by using **–** & **+**.

bass adjustment

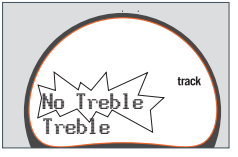
1 press **eq** once during playback to select the bass adjustment.
the current bass setting blinks.

2 press ▶ repeatedly to select either:
No Bass: no bass enhancement
Bass 1: moderate bass enhancement
Bass 2: strong bass enhancement
the selected bass setting blinks.

3 press **eq** to confirm your selection.

treble adjustment

1 press **eq** twice during playback to select the treble adjustment.
the current treble setting blinks.



2 press ▶ repeatedly to select either:
No Treble: no treble enhancement
Treble: treble enhancement
the selected treble setting blinks.

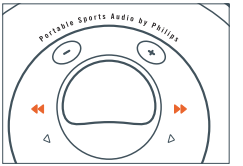
3 press **eq** to confirm your selection.

selecting and searching on all discs

selecting a track during playback

briefly press ◀◀ or ▶▶ once or several times to skip to the beginning of the current, previous or subsequent track.

playback continues with the selected track.



searching for a passage during playback

1 keep ◀◀ or ▶▶ pressed to find a particular passage in backward or forward direction.

searching starts and playback continues at a low volume. for cd audio tracks the search speeds up after 2 seconds.

2 release the button at the desired passage.

normal playback continues.

*note: during **repeat, shuffle** or **shuffle all**, searching is only possible within the current track.*

selecting on mp3-cds

selecting an album during playback

briefly press ◀ or ▶ once or several times to skip to the first track of the current, previous or subsequent album.

the first track of the selected album is played.

selecting a track during playback

1 keep ◀ or ▶ pressed to skip quickly to previous or subsequent mp3 tracks.

skipping starts and speeds up after 5 seconds.

2 release the button at the desired track.

playback continues with the selected track.

note: to skip from track to track at low speed, use ◀◀ or ▶▶.

playing tracks repeatedly or in random order – mode

1 press **mode** repeatedly during playback to select either:

shuffle album (with mp3-cds only):
all tracks of the current album are played in random order once.

shuffle all: all tracks of the disc are played in random order once.

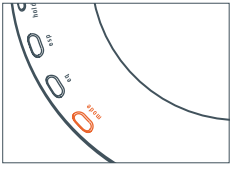
repeat shuffle album (with mp3-cds only):
all tracks of the current album are played repeatedly in random order.

repeat shuffle all: all tracks of the disc are played repeatedly in random order.

repeat: the current track is played repeatedly.

repeat album (with mp3-cds only):
all tracks of the current album are played repeatedly.

repeat all: the entire disc is played repeatedly.



2 playback starts in the selected mode after 2 seconds.

3 to return to normal playback, press **mode** repeatedly until **repeat** and **shuffle** disappear.

storing the last position played – resume

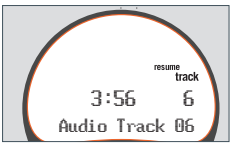
you can store the last position played. when restarting, playback will continue from where you have stopped.

1 switch the slider to **resume** during playback to activate resume.
resume is shown.

2 press ■ whenever you want to stop playback.

3 press ▶II to resume playback.
playback continues from where you have stopped.

to deactivate **resume**, switch the slider to **off**.
resume disappears.



locking all buttons – hold

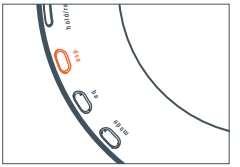
you can lock all buttons of the set. when you press any key, no action will be executed then.

switch the slider to **hold** to activate hold.
resume is shown and Hold is displayed all buttons are locked. when pressing any key, Hold is displayed.

to deactivate **hold**, switch the slider to **off**.
resume disappears.

esp and powersaving

with a conventional portable disc player the music may stop while you are jogging, for example. the **e**lectronic **s**kip **p**rotection protects the psa against loss of sound caused by light vibrations or shocks. **continuous playback is ensured. esp does not protect the psa against damage caused by dropping!**



press **esp** repeatedly during playback to select either:

ESP on: **ESP** is shown and esp is switched on. **ESP, powersave** is shown. esp and powersaving are switched on, resulting in a longer battery lifetime and a shorter skip protection.

ESP off: **ESP** disappears. esp and powersaving are switched off for cd audio tracks to achieve the highest sound quality.

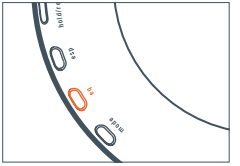
beep

a beep confirms that you have pressed a button or that the batteries are empty.

keep **eq** pressed for 2 seconds to switch beep either on or off:

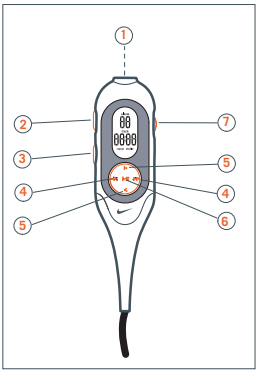
Beep is displayed: beep is switched on.

No beep is displayed: beep is switched off.



remote control AY 3773 (supplied or optionally available)

controls



① 3.5 mm plug to connect the headphones

② **hold**
locks all buttons

③ **stop**
stops playback and switches the set off

④ ◂◂ / ▸▸
skips and searches forward / backward tracks

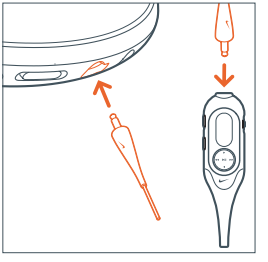
⑤ ◂ / ▸
mp3-cd only: selects the next / previous

⑥ ▶II
switches the set on, starts playback and interrupts playback

⑦ **volume**
adjusts the volume

connecting the remote control

use only the AY 3773 remote control.



1 press ■ on the set twice to switch off the set.

2 firmly connect the remote control to 🎧 on the set.

3 firmly connect the headphones to the plug on the remote control.

4 on the remote control keep ▶II pressed for 1 second to switch on the set and to start playback.
playback starts the album number (mp3-cds only) and the track number are displayed on the remote control´s display.

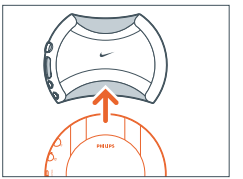
5 adjust the volume and sound on the psa and your remote control.

note: replace the batteries as soon as no batt is displayed on the remote control´s display.

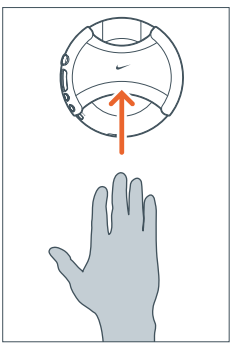
handstrap (AY 3286)

secure your digital audio player during sport activity by using the supplied hand strap.

1 fit the psa player into the rubber buckle, with the headphone / remote socket aligned to the socket hole.

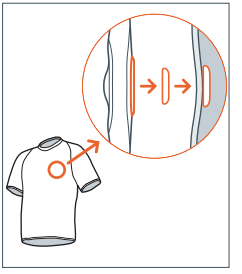


2 position your hand until the fit is snug and comfortable.



clip magnets

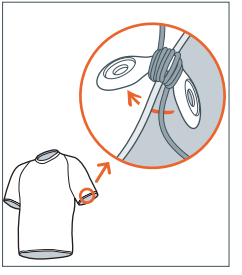
wear your remote control and secure your headphone cord with these wearable magnets.



1 check the polarity of the 2 button magnets. insert the big button magnet underneath your garment.

2 clip the small button magnet on your outer garment. clip the remote control on top.

3 secure your headphone cord with the "butterfly" magnet clip.



WARNING:

KEEP OUT OF REACH OF SMALL CHILDREN TO AVOID CHOKING HAZARD.

KEEP THE MAGNETS AWAY FROM CREDIT CARDS, TAPES AND ANY ITEMS WHICH MAYBE SENSITIVE TO THE MAGNETS.

USERS OF PACEMAKERS OR OTHER IMPLANTED DEVICES SHOULD CONSULT THEIR PHYSICIAN BEFORE USING MAGNETS OR DEVICES THAT MAY GENERATE ELECTRO-MAGNETIC INTERFERENCE.

warning

under no circumstances should you try to repair the set yourself as this will invalidate the warranty.

if a fault occurs, first check the points listed, before taking the set for repair. if you are unable to solve a problem by following these hints, consult your dealer or service center.

problem	solution
no power, playback does not start	insert the batteries correctly. replace the batteries. connect the mains adapter securely.
`Hold` **indication and /or no reaction to controls**	deactivate hold. disconnect the set from the power supply or take out the batteries for a few seconds.
no sound or bad sound quality	press ▶II to resume playback. adjust the volume. check and clean the connections. keep this set away from active mobile phones or strong magnetic fields.
`Pls insert cd` **or** `no audio file` **indication**	insert a disc, label upwards. clean or replace the disc. wait until the steamed up lens has cleared. make sure you have inserted an audio disc or an mp3-cd.
`unfinalized cd` **indication**	make sure the inserted cdr or cdrw is finalized.

troubleshooting

problem	solution
music file is not played	make sure that the file names of the mp3 files end with .mp3
missing directories on mp3-cd	make sure the total number of files and albums on your mp3-cd does not exceed 350. only albums with mp3 files are shown.
the disc skips tracks	clean or replace the disc. make sure **repeat**, **repeat album**, **shuffle** are not selected.
music skips or popping sound when playing an mp3 file	play the music file on your computer. if the problem persists, encode the audio track again and make a new cd-rom.
music is interrupted and OOPS indication	switch **esp** on.

Canada
English: This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

The set complies with the FCC-Rules, Part 15 and with 21 CFR 1040.10. Operation is subject to the following two conditions:
1. *This device may not cause harmful interference, and*
2. *This device must accept any interference received, including interference that may cause undesired operation.*

IMPORTANT SAFETY INSTRUCTIONS

1. **Read these instructions.**
2. **Keep these instructions.**
3. **Heed all warnings.**
4. **Follow all instructions.**
5. **Do not use this apparatus near water.**
6. **Clean only with a dry cloth.**
7. **Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.**
8. **Do not install near any heat sources** such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. **Only use attachments/accessories** specified by the manufacturer.
10. **Use only with a cart,** stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
11. **Refer all servicing** to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as if the power-supply cord or plug is damaged, liquid has been spilled o objects have fallen into the apparatus, or when the apparatus exposed to rain or moisture, does not operate normally dropped.
12. **Battery usage CAUTION** – To pr may result in bodily injury or damage to th

- Install **all** batteries correctly, **+** a
- Do not mix batteries (**ol**
- Remove batterie

Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

- *Once your Philips purchase is registered, you're eligible to receive all the privileges of owning a Philips product.*
- *So complete and return the Warranty Registration Card enclosed with your purchase at once, and take advantage of these important benefits.*

Warranty Verification

Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your Philips warranty.

Owner Confirmation

Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.

Model Registration

Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

Know these safety *symbols*

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

For Customer Use

Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, and fully insert.

MAC5097

LIMITED WARRANTY

PORTABLE COMPACT DISC

One Year Free Exchange

This product must be carried in for an exchange.

WHO IS COVERED?

You must have proof of purchase to exchange the product. A sales receipt or other document showing that you purchased the product is considered proof of purchase. Attach it to this owner's manual and keep both nearby.

WHAT IS COVERED?

Warranty coverage begins the day you buy your product. For one year thereafter, a defective or inoperative product will be replaced with a new, renewed or comparable product at no charge to you. A replacement product is covered only for the original warranty period. When the warranty on the original product expires, the warranty on the replacement product also expires.

WHAT IS EXCLUDED?

Your warranty does not cover:

- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- a product that is used for commercial or institutional purposes.

WHERE IS EXCHANGE AVAILABLE?

You may exchange the product in all countries where the product is officially distributed by Philips. In countries where Philips does not distribute the product, the local Philips service organization will attempt to provide a replacement product (although there may be a delay if the appropriate product is not readily available).

**Philips, P.O. Box 520890, Miami,
FL 33152, USA, (402) 536-4171**

BEFORE REQUESTING EXCHANGE...

Please check your owner's manual before requesting an exchange. Adjustments of the controls discussed there may save you a trip.

EXCHANGING A PRODUCT IN U.S.A., PUERTO RICO, OR U.S. VIRGIN ISLANDS...

Contact 1-800-531-0039 to arrange an exchange. Or, ship the product, insured and freight prepaid, and with proof of purchase enclosed, to the address listed below.

Philips Exchange Program
Suite A
406 North Irish Street
Greeneville TN 37745

(In U.S.A., Puerto Rico, and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

EXCHANGING A PRODUCT IN CANADA...

Please contact Philips at:

1-800-661-6162 (French Speaking)
1-800-531-0039 (English or Spanish Speaking)

(In Canada, this warranty is given in lieu of all other warranties. No other warranties are expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. Philips is not liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of such damages.)

REMEMBER...

Please record below the model and serial numbers found on the product. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL # _____

SERIAL # _____

This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

EL4967E006 / 5-02

SWOOSH

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